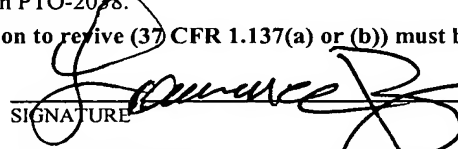


TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 00005.001290 U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 101573373
INTERNATIONAL APPLICATION NO. PCT/JP04/014453	INTERNATIONAL FILING DATE 24 September 2004	PRIORITY DATE CLAIMED 24 September 2003
TITLE OF INVENTION RECOMBINANT ANTIBODY AGAINST HUMAN INSULIN-LIKE GROWTH FACTOR		
APPLICANT(S) FOR DO/EO/US Kenya Shitara, Kazuyasu Nakamura and Yuji Ohki		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
Items 11 to 20 below concern other document(s) or information included:		
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. <input checked="" type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4) (front page only). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: 19 Sheets of Formal Drawings; Verification of Translation; Request for Approval of Proposed Drawing Changes; Copies of: PCT Request, Form PCT/IB/301, Form PCT/IB/304, Form PCT/IB/308 (First Notice), Form PCT/ISA/210		



This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

U.S. APPLICATION NO. 10/373378 INTERNATIONAL APPLICATION NO. 01/JP04/014453				ATTORNEY'S DOCKET NUMBER 00005.001290	
21. <input checked="" type="checkbox"/> The following fees are submitted: <input checked="" type="checkbox"/> Basic national fee \$300				CALCULATIONS	PTO USE ONLY
				\$300.00	
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provision of PCT Article 33(1)-(4) \$100 All other situations \$200				\$200.00	
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared and provided to the Office \$400 All other situations \$500				\$400.00	
TOTAL OF 21, 22 and 23 =				\$900.00	
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
169 - 100 =	69/50 =	2	x \$250.00	\$500.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	58-20 =	38	x \$ 50	\$1900.00	
Independent Claims	1-3 =	0	x \$200	\$0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$360.00	
TOTAL OF ABOVE CALCULATIONS =				\$3660.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	
SUBTOTAL =				\$3660.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				+	\$
TOTAL NATIONAL FEE =				\$3660.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$40.00
TOTAL FEES ENCLOSED =				\$3700.00	
				Amount to be refunded:	\$
				Amount to be charged:	\$
a. <input checked="" type="checkbox"/> Checks in the amounts of \$40.00 and \$3660.00 to cover the above fees are enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>06-1205</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2028. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Lawrence S. Perry Fitzpatrick, Cella, Harper & Scinto 30 Rockefeller Plaza New York, NY 10112-3800					
				SIGNATURE	
				NAME	Lawrence S. Perry
				REGISTRATION NUMBER	31,865
				DATE	March 23, 2006

VERIFICATION OF TRANSLATION

I, the below named translator, hereby declare that:

My name and post office address are as stated below:

That I am knowledgeable in the English language and in the language in which the below identified international application was filed, and that I believe the English translation of the international application No. PCT/JP2004/014453 is a true and complete translation of the above identified international application as filed.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: March 1, 2006

Full name of the translator Ako HANEDA

Signature of the translator Ako Haneda

Post Office Address c/o KYOWA HAKKO KOGYO CO., LTD.

6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-8185 Japan

000573378

APPROPRIATE 24 MAR 2006
PATENT APPLICATION

00005.001290

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
	:	Examiner: Not Yet Assigned
KENYA SHITARA, ET AL.)	
	:	Group Art Unit: Not Yet Assigned
Application No.: Not Yet Assigned)	
(National Phase of PCT Application No.	:	
PCT/JP2004/014453 filed September 24,)	
2004)	:	
)	
Filed: Concurrently herewith	:	
)	
For: RECOMBINANT ANTIBODY	:	
AGAINST HUMAN INSULIN-LIKE	:	
GROWTH FACTOR)	March 23, 2006

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUBMISSION OF COMPUTER READABLE FORM AND PAPER COPY

Sir:

Applicants submit herewith a computer readable form under 37 C.F.R.

§1.821(e). The content of the computer readable form and the Paper Copy of the Sequence

Listing filed herewith are the same. No new matter has been added.

Entry hereof is earnestly solicited.

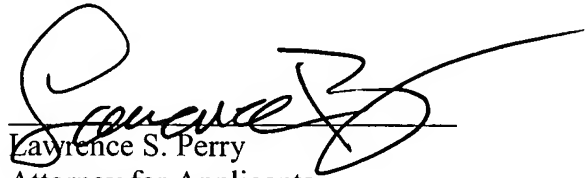
60/573378

APPROVED FOR SIGNATURE 2006

Applicants' undersigned attorney may be reached in our New York office

by telephone at (212) 218-2100. All correspondence should continue to be directed to our
below listed address.

Respectfully submitted,


Lawrence S. Perry
Attorney for Applicants
Registration No. 31,865

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200

LSP\ac

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000573378

IA P20 Rec'd of CTPIO 24 MAR 2006

00005.001290

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
	:	Examiner: Not Yet Assigned
KENYA SHITARA, ET AL.)	
	:	Group Art Unit: Not Yet Assigned
Application No.: Not Yet Assigned)	
(National Phase of PCT Application No.	:	
PCT/JP2004/014453 filed September 24,)	
2004)	:	
	:	
Filed: Concurrently herewith)	
	:	
For: RECOMBINANT ANTIBODY)	
AGAINST HUMAN INSULIN-LIKE	:	
GROWTH FACTOR)	March 23, 2006

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUBMISSION OF CORRECTED FORMAL DRAWING

Sir:

Applicants respectfully request the Examiner's approval of the proposed changes to Fig. 16 as highlighted on the accompanying drawing sheet. Also enclosed is a corrected formal drawing sheet of Fig. 16 as proposed.

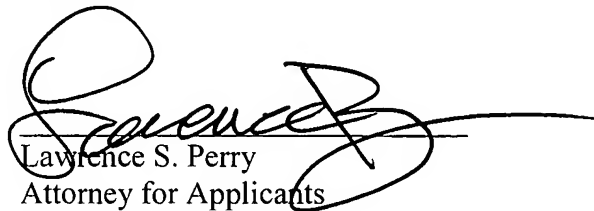
Entry hereof is respectfully requested.

ADU 73379

APPROPRIATE DATE 24 MAR 2006

Applicants' undersigned attorney may be reached in our New York office
by telephone at (212) 218-2100. All correspondence should continue to be directed to our
below listed address.

Respectfully submitted,


Lawrence S. Perry
Attorney for Applicants
Registration No. 31,865

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